Tentative P-(5) 30/2-071 (1).

GULAB ORCHARDS

PARVATPUR

KANDAGHAT

(5)

IRRIGATION

Irrigation facilities are gradually improving by cementing of a 4,500 ft irrigation channel. The work is in progress over a most precipetous route. It is as slow as costly, since supply and carriage of material is a major problem and only a limited number of expert and daring labour can work over it.

TECHNICAL ASSISTANCE

Plants were trained and sprayed under advice and assistance of **Sarvashri, Mani Singh** *M. Sc. (Ag)* and **Balbir Singh** *B.Sc. (Hons.) Ag.* and supervision of **Shri Sant Ram**–all from Punjab Government Fruit Research Station, Kandaghat.

Visits, appreciations and valuable advice, from our distinguished visitors, have been of utmost benefit to us. They were no less than :—

Dr. Arjan Singh, *Director of Agriculture, Punjab.*

Mr. Guy. A. Hummon, *Extension Advisor to the Punjab Govt.*

Sardar Karpal Singh, *Fruit Specialist, Punjab.*

With compliments from

Major Vishnu Sharma

SITUATION

The orchard is situated in Simla Hills (Punjab), at mile 71 Road Ambala–Simla. Heights vary from 5,000 ft to 5,500 ft ; slopes are mainly Northern and Eastern.

SOIL

Soil is mostly calcareous and loam with good drainage. A soil and pomological survey was carried out in 1950.

VARIETIES

Following varieties of fruits were advised by Horticulture experts of PEPSU and were planted on a timed programme by 1953.

Plum	Apricot	Persimmon
Santa Rosa	Kaisha	Hachiya
Mariposa	St. Embroise	Jambu
Beauty	New Castle	
Green Plum	Shipleys Early	
Yellow Plum		
Climax		

Apple

On highest Northern slopes, Winter Banana and Delicious varieties of apples, have been planted as a trial. Growth has been vigorous and plants have been disease free for three seasons now.

AREA

Nearly 25 acres of land will, finally, cover the orchard. More than a 1,000 fruit trees were planted and are flourishing. Vacant plots have been reserved for new varieties of Apricots and Pears, which are being tried out at Punjab Government Fruit Research Station, Kandaghat.

PLANTS

A majority of maidens were purchased from the Punjab Government Fruit Research Station, Kandaghat. They have been trained to half standards.

ARRANGEMENT

Plantation is on quincunx system with 20 ft interval.

INTERCROPPING

Intercropping is done in all seasons.

MANNURING

Both organic and inorganic mannures are applied as programmed by Horticulture Officers, stationed at Kandaghat.